

**DECLARATION - USA PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled METHODS FOR PEPTIDE-PROTEIN BINDING PREDICTION; the specification of which was filed on **June 27, 2003** as Application Serial No. **10/608,915** and was amended on .

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

I hereby claim the benefit under Title 35, United States Codes § 119(e) of any United States provisional application(s) listed below.

Application No.: 60/392,843

Filing Date: June 28, 2002

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Full name of first inventor: **Stephen L. Hoffman**

Inventor's signature 

Date 10/26/03

Residence: **Gaithersburg, MD**

Citizenship: **United States**

Post Office Address: **308 Argosy Drive, Gaithersburg, MD 20878**

Full name of second inventor: ~~Sprin Istrail~~

Inventor's signature _____

Date November 12, 2003

Residence: **Rockville, MD**

Citizenship: **United States**

Post Office Address: **304 Game Creek Drive, Rockville, MD 20850**

Full name of third inventor: **Liliana Florea**

Inventor's signature *Liliana S. Florea*

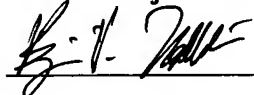
Date 11/04/2003

Residence: **Washington, D.C.**

Citizenship: **Romanian**

Post Office Address: **2501 Calvert St. NW, Apt. 905, Washington, D.C. 20008**

Full name of fourth inventor: **Bjarni V. Halldorsson**

Inventor's signature 

Date 11/5/13

Residence: **Gaithersburg, MD**

Citizenship: **Icelandic**

Post Office Address: **895 Clopper Road, A3, Gaithersburg, MD 20878**

Full name of fifth inventor: **Oliver Kohlbacher**

Inventor's signature 

Date 10/28/03

Residence: **Tübingen, Germany**

Citizenship: **German**

Post Office Address: **Charlottenstr. 37, 72070 Tübingen, Germany**

Full name of sixth inventor: **Russell S. Schwartz**

Inventor's signature *Russell Schwartz*

Date 10/30/03

Residence: **Pittsburgh, PA**

Citizenship: **United States**

Post Office Address: **~~5300 Fifth Avenue, Apt. A-7, Pittsburgh, PA 15232~~**

5459 Corode Place, Pittsburgh, PA 15217

*RSS
10/30/03*

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Send Correspondence To:
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995

ABIOS.023A

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hoffman et al.)
App. No. : 10/608,915)
Filed : June 27, 2003)
For : METHODS FOR PEPTIDE-PROTEIN)
BINDING PREDICTION)
Examiner : Unassigned)

ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION
AND
REVOCATION AND POWER OF ATTORNEY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, California 92614, Telephone (949) 760-0404, **Customer No. 20,995**, as its attorneys with full power of substitution and revocation to prosecute this

App. No. : 10/608,915
Filed : June 27, 2003

application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use **Customer No. 20,995** for all communications.

Applera Corporation

Dated: Nov 14, 2003

By: 
Jeffrey D. Frazier, Esq.

Title: Senior Patent Attorney

Address: 850 Lincoln Centre Drive
Foster City, CA 94404-1128

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Application No.: 10/608,915
Filing Date: June 27, 2003

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ASSIGNMENT

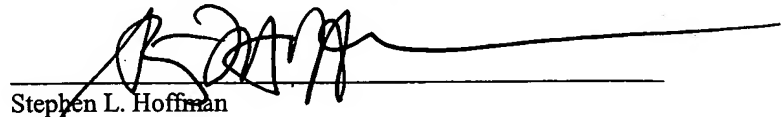
WHEREAS, We, Stephen L. Hoffman, a United States citizen, residing at 308 Argosy Drive, Gaithersburg, MD 20878, Sorin Istrail, a United States citizen, residing at 304 Game Creek Drive, Rockville, MD 20850, Liliana Florea, a citizen of Romania, residing at 2501 Calvert St. NW, Apt. 905, Washington, D.C. 20008, Bjarni V. Halldorsson, a citizen of Iceland, residing at 895 Clopper Road, A3, Gaithersburg, MD 20878, Oliver Kohlbacher, a citizen of Germany, residing at Charlottenstr. 37, 72070 Tübingen, Germany, and Russell S. Schwartz, a United States citizen, residing at ~~5300 Fifth Avenue, Apt. A-7, Pittsburgh, PA 15222~~ ^{5459 Covode Place}, have invented certain new and useful improvements in a METHODS FOR PEPTIDE-PROTEIN BINDING PREDICTION for which we have filed an application for Letters Patent in the United States, Application No. 10/608,915, filed on June 27, 2003;

AND WHEREAS, Applera Corporation (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 850 Lincoln Centre Drive, Foster City, CA 94404-1128, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 13 day of November 2003

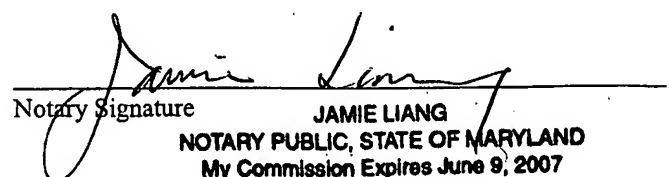

Stephen L. Hoffman

STATE OF Maryland }
COUNTY OF Montgomery } ss.

On 13th Nov, 2003, before me, Stephen L Hoffman, personally appeared Stephen L. Hoffman personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]


Notary Signature
JAMIE LIANG
NOTARY PUBLIC, STATE OF MARYLAND
My Commission Expires June 9, 2007

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12 day of November, 2003

Sorin Istrail

STATE OF

COUNTY OF

ss.

On 11/12/03, before me, Eula Wilturmes, personally appeared Sorin Istrail personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Eula Wilturmes
Notary Signature

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 31st day of October, 2003

Liliana I. Florea 10/31/2003
Liliana Florea

STATE OF Maryland }
COUNTY OF Montgomery } ss.

On October 31st, before me, Holly Howarth, personally appeared Liliana Florea personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that she executed the same in her authorized capacity(ies), and that by her signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Holly Howarth
Notary Signature



Holly A. Howarth, Notary Public
Montgomery County
State of Maryland
My Commission Expires July 1, 2006

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 28 day of October, 2003.

Bjarni V. Halldorsson
Bjarni V. Halldorsson

STATE OF Maryland }
COUNTY OF Montgomery } ss.

On October 28th, before me, Holly A. Howarth, personally appeared Bjarni V. Halldorsson personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Holly A. Howarth
Notary Signature

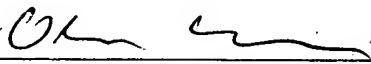


Holly A. Howarth, Notary Public
Montgomery County
State of Maryland
My Commission Expires July 1, 2006

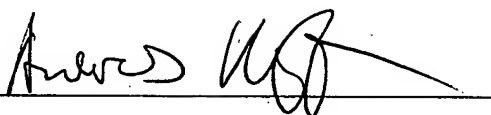
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Application No.: 10/608,915
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Oliver Kohlbacher

Date: 10/28/03

Witness by: 

Date: 10/28/03

Witness by: 

Date: 10/28/03

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 30th day of October, 2003.

Russell S. Schwartz
Russell S. Schwartz

STATE OF Pennsylvania }
COUNTY OF Allegheny } ss.

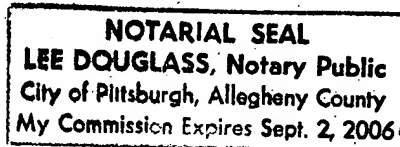
On 30 Oct 2003 before me, Lee Douglas, Notary personally appeared Russell S. Schwartz personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Lee Douglas
Notary Signature

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**LIMITED AUTHORIZATION TO ACT ON BEHALF OF ASSIGNEE
REGARDING CERTAIN PATENT AND TRADEMARK MATTERS EFFECTIVE
THROUGH: December 31, 2005**

I, Paul D. Grossman, as Assistant Secretary of Applera Corporation ("Applera"), hereby authorize: Vincent M. Powers, Reg. No. 36, 246, Scott R. Bortner, Reg. No. 34,298, Jeffery D. Frazier, Reg. No. 34,601, and Andrew T. Karnakis, Reg. No. 27,909, all Senior Patent Attorneys, (1) to act on behalf of Applera, with regard to any matters before the United States Patent and Trademark Office, any foreign patent or trademark offices, and any international patent or trademark entities, (2) to execute power of attorney documents on behalf of Applera, to appoint and/ or establish any attorneys, agents, and/ or law firms to act on behalf of Applera, in any foreign or international patent or trademark applications filed with any foreign and/ or international patent or trademark offices, and (3) to execute assignment and ownership documents on behalf of Applera, with regard to any matters before the United States Patent and Trademark Office, any foreign patent or trademark offices, and any international patent or trademark offices.



Paul D. Grossman
Assistant Secretary, Applera Corporation

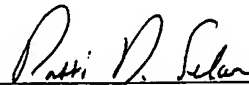
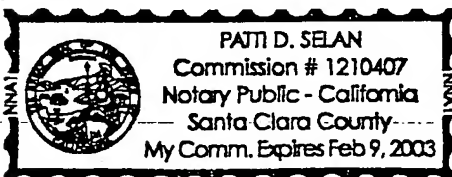
1-9-03

Date

State of California)
) ss.
County of San Mateo)

On Jan. 9, 2003 before me, Patti D. Selan, Notary Public, personally appeared Paul D. Grossman, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

WITNESS my hand and official seal.



Notary Public